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List of Publications by Year
in descending order

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Version: 2024-02-01

36 papers	411 citations	1040056 9 h-index	794594 19 g-index
37 all docs	37 docs citations	37 times ranked	693 citing authors

#	Article	IF	Citations
1	Using Attenuated Total Reflection (ATR) Apparatus to Investigate the Temperature Dependent Dielectric Properties of Water, Ice, and Tissue-Representative Fats. Applied Sciences (Switzerland), 2021, 11, 2544.	2.5	5
2	Spectroscopy of excised skin patches exposed to THz and far-IR radiation. Biomedical Optics Express, 2021, 12, 4610.	2.9	3
3	Estimating the dialectric parameters of water and gel using reflectance and transmission at 1.85 to 2.07 THz. , 2021, , .		2
4	Characterisation of Biological Materials at THz Frequencies by Attenuated Total Reflection: Lard. Applied Sciences (Switzerland), 2020, 10, 8692.	2.5	7
5	Computer simulation study of the penetration of pulsed 30, 60 and 90â€‰GHz radiation into the human ear. Scientific Reports, 2020, 10, 1479.	3.3	7
6	Computational absorption and reflection studies of normal human skin at 045 THz. Biomedical Optics Express, 2020, 11, 417.	2.9	9
7	The Helical Structure of Sweat Ducts Does Not Influence Far Field Radiation in Computer Simulations at 0.45 THz. , 2020, , .		0
8	Computational phantom study of frozen melanoma imaging at 0.45 terahertz. Bioelectromagnetics, 2019, 40, 118-127.	1.6	18
9	An empirical formula for temperature adjustment of complex permittivity of human skin in the terahertz frequencies. Bioelectromagnetics, 2019, 40, 74-79.	1.6	8
10	Imaging and lesion ablation modeling in skin using freezing to enhance penetration depth of terahertz radiation. , 2019, , .		3
11	Computational simulations of the penetration of 030 THz radiation into the human ear. Biomedical Optics Express, 2019, 10, 1462.	2.9	5
12	pbICS microscopy technique for determining oligomeric state. , 2019, , .		1
13	Measuring absorption coefficient of excised animal skin exposed to THz radiation. , 2019, , .		0
14	Exploring the temperature dependent dielectric properties of adipose tissue in the THz range. , 2019, , .		0
15	The architecture of EGFRâ€™s basal complexes reveals autoinhibition mechanisms in dimers and oligomers. Nature Communications, 2018, 9, 4325.	12.8	71
16	Computational Study of Frozen Tissue Melanoma Imagining at Terahertz Frequencies. , 2018, , .		1
17	Simulations of the Penetration of 60â€“300 GHz Radiation into the Human Ear. , 2018, , .		1
18	Modelling terahertz radiation absorption and reflection with computational phantoms of skin and associated appendages. , 2018, , .		10

#	Article	IF	Citations
19	Oligomerization of the Epidermal Growth Factor Receptor Organizes Kinase-Active Dimers into Competent Signaling Platforms. Biophysical Journal, 2017, 112, 26a-27a.	0.5	0
20	Effect of adverse environmental conditions and protective clothing on temperature rise in a human body exposed to radiofrequency electromagnetic fields. Bioelectromagnetics, 2017, 38, 356-363.	1.6	8
21	Learning in depth with the bespoke rubric-supported online poster presentation. , 2017, , .		0
22	Lessons and Perspectives from a 25-Year Bioelectromagnetics Research Program. International Journal of Environmental Research and Public Health, 2016, 13, 950.	2.6	4
23	Bioelectromagnetics Research within an Australian Context: The Australian Centre for Electromagnetic Bioeffects Research (ACEBR). International Journal of Environmental Research and Public Health, 2016, 13, 967.	2.6	4
24	Estimation of dielectric values for tissue water in the Terahertz range. Bioelectromagnetics, 2016, 37, 563-567.	1.6	8
25	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. Nature Communications, 2016, 7, 13307.	12.8	146
26	Imaging Cellular Dynamics with Spectral Relaxation Imaging Microscopy: Distinct Spectral Dynamics in Golgi Membranes of Living Cells. Scientific Reports, 2016, 6, 37038.	3.3	13
27	Deep-UV fluorescence lifetime imaging microscopy. Photonics Research, 2015, 3, 283.	7.0	11
28	Determining complex aggregate distributions of macromolecules using photobleaching image correlation microscopy. AIMS Biophysics, 2015, 2, 1-7.	0.6	5
29	Solvent Relaxation in Golgi Membrane by Phasor-Flim Approach. Biophysical Journal, 2014, 106, 204a.	0.5	0
30	The Effect of Translational Motion on FLIM Measurements-Single Particle Phasor-FLIM. Journal of Fluorescence, 2013, 23, 671-679.	2.5	1
31	Characterization of optical polarization converters made by femtosecond laser writing. , 2013, , .		0
32	Ultra-pure, water-dispersed Au nanoparticles produced by femtosecond laser ablation and fragmentation. International Journal of Nanomedicine, 2013, 8, 2601.	6.7	19
33	Thermomechanical properties of graphene: valence force field model approach. Journal of Physics Condensed Matter, 2012, 24, 175303.	1.8	24
34	Electric Field Effects on Bio-Membrane of Spherical Cells. Biophysical Journal, 2011, 100, 326a.	0.5	0
35	Stochastic motion of noble gases on a graphene sheet. Computational Materials Science, 2010, 49, 839-844.	3.0	10
36	Electric field effects on Nano-Scale bio-membrane of spherical cells. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 120-128.	2.6	4